

Defense Science and Technology

High Energy Laser Weapon Systems Emerging Technology Seminar

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DoD S&T Mission

To ensure that the warfighters today and tomorrow have superior and affordable technology to support their missions, and to give them revolutionary war-winning capabilities



Revolutionary Capabilities

Stealth



*Adaptive
Optics and
Lasers*

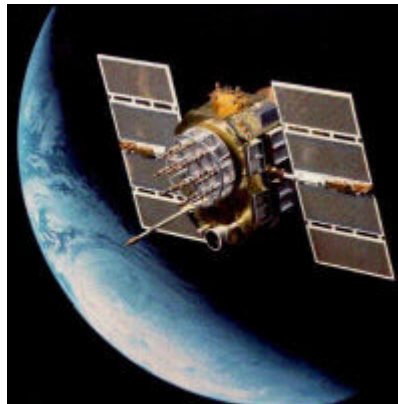


Night Vision



DoD S&T

GPS



Phased Array Radar



DUSD (S&T) Priorities

- Basic Research
- Five Focus Areas
 - *Chemical & Biological Defense*
 - *Information Assurance*
 - *Hardened & Deeply Buried Targets*
 - *Smart Sensor Web*
 - *Cognitive Readiness*
- Implement DoD Master Plan for High Energy Lasers (HEL)
- Implement DoD Master Plan for Propulsion
- Technology Watch/Exposition
- S&T Pilot Laboratory Program

Defense S&T Seminars & Emerging Technology

Future Seminar Topics:

- | | |
|--------------------|--|
| January 14 | Lithography - The Hidden Technology |
| February 18 | Hyperspectral Imaging |
| March 10 | Dual Use Technologies |

Defense S&T Seminars & Emerging Technology

**Past Briefings Posted on the Internet 45 Days
After Presentation**

www.dtic.mil/dusdst/seminar.html

**Future Briefings will be posted 2 Days Prior to
Seminar Date**